

HISTORIC AMERICAN ENGINEERING RECORD

HAER
ILL,
66-NEBO,
1-
(Page 1)

Index to Photographs

Upper Mississippi River Upper Nine-Foot Channel
Project, Lock and Dam Complex Number 17
Spanning the Mississippi River between
New Boston, Mercer County, Illinois
and
Louisa County, Iowa

HAER No. IL-28

NOTE: Photographs IL-28-1 through IL-28-10 and IL-28-12 through IL-28-13 were taken by Peter A. Rathbun, photographer, September to December 1987

Photographs IL-28-11 and IL-28-14 through IL-28-78 were taken by David Vannoy, October and December 1987

IL-28-1	GENERAL VIEW OF DAM, DOWNSTREAM SIDE, LOOKING FROM TOE OF DIKE
IL-28-2	GENERAL VIEW OF DAM, DOWNSTREAM SIDE, LOOKING FROM GUIDEWALL
IL-28-3	GENERAL VIEW OF LOCK, DOWNSTREAM SIDE, LOOKING FROM GUIDEWALL
IL-28-4	GENERAL VIEW OF ESPLANADE, LOOKING FROM SOUTH
IL-28-5	DETAIL VIEW OF DAM, SHOWING CONCRETE SPILLWAY, LOOKING EAST
IL-28-6	DETAIL VIEW OF LOCK, SHOWING INTERMEDIATE WALL, VIEW OF ESPLANADE FROM SOUTH
IL-28-7	GENERAL VIEW OF CENTRAL CONTROL STATION, SOUTH AND WEST SIDES
IL-28-8	GENERAL VIEW OF CENTRAL CONTROL STATION, NORTH AND EAST SIDES
IL-28-9	INTERIOR VIEW OF CENTRAL CONTROL STATION, FROM SOUTH
IL-28-10	INTERIOR VIEW OF CENTRAL CONTROL STATION, FROM NORTH

The following are photocopies of photographs. Original prints are in the possession of the U. S. Army Corps of Engineers, Rock Island District. Photographer unknown.

IL-28-11	VIEW OF ROLLER GATE #6 BEING ERECTED, VIEW FROM SOUTH. June 1938
IL-28-12	VIEW OF SAFETY SIGNS ON TOP OF CARPENTER SHOP ESPLANADE, LOOKING WEST. April 1938
IL-28-13	GENERAL HIGH ALTITUDE AERIAL VIEW OF COMPLEX AND GENERAL SETTING. October 1982

Upper Mississippi River Nine-Foot Channel
Project, Lock and Dam Number 17
HAER No. IL-28
Index to Photographs
(Page 2)

The following are photocopies of construction drawings. Original drawings are in the possession of the U. S. Army Corps of Engineers, Rock Island District.

IL-28-14	DAM INDEX. May 1935
IL-28-15	DAM INDEX. September 1936
IL-28-16	GENERAL PLAN OF LOCK. February 1934
IL-28-17	DAM, DETAIL PLAN OF SERVICE BRIDGE, GIRDERS, STORAGE YARD SPAN. September 1936
IL-28-18	DAM, DETAIL PLAN OF SERVICE BRIDGE, GENERAL PLAN AND ELEVATION. September 1936
IL-28-19	LOCK, VALVE OPERATING MACHINERY, DESIGN DATA. February 1934
IL-28-20	LOCK GATES, 3 FOOT WALKWAY, ADJUSTMENT AT GUDGEON PIN AND QUOIN SHOE. May 1933
IL-28-21	ESPLANADE, GUARD FENCE. March 1930
IL-28-22	DAM, EMERGENCY BULKHEADS, ROLLER GATE SPAN - ROLLER DETAILS. September 1936
IL-28-23	DAM, SERVICE BRIDGE, DECK PLAN. September 1936
IL-28-24	CENTRAL CONTROL STATION, HEATING. September 1936
IL-28-25	CENTRAL CONTROL STATION, STAIR DETAILS. September 1936
IL-28-26	CENTRAL CONTROL STATION, FLOOR PLANS. September 1936
IL-28-27	DAM, CENTRAL CONTROL STATION, LIGHTING DETAILS. September 1936
IL-28-28	LOCK, ELECTRICAL SYSTEM, HAULAGE ENGINE CONTROLLER CABINET, ASSEMBLY AND DETAILS. February 1938
IL-28-29	LOCK, GENERAL PLAN. February 1934
IL-28-30	LOCK GATES, WALKWAY, MITER GATES - GENERAL DRAWING. February 1934
IL-28-31	LOCK, GATE OPERATING MACHINERY, ASSEMBLY. February 1934

Upper Mississippi River Nine-Foot Channel
Project, Lock and Dam Number 17
HAER No. IL-28
Index to Photographs
(Page 3)

IL-28-32	LOCK, MASONRY, UPPER GATES, MAIN LOCK. February 1934
IL-28-33	DAM, SUBMERSIBLE EARTH DIKE. September 1938
IL-28-34	CENTRAL CONTROL STATION, DETAILS OF ROOF PLAN. September 1936
IL-28-35	DAM, ROLLER GATE OPERATING MACHINERY, POSITION INDICATOR. September 1936
IL-28-36	DAM, SERVICE BRIDGE EXTENSION, MASONRY DETAILS. February 1936
IL-28-37	ESPLANADE, HANDRAIL, UPPER AND LOWER GUIDE WALLS. May 1926
IL-28-38	DETAILS OF MISCELLANEOUS PARTS. February 1934
IL-28-39	DAM, OPERATING HOUSE, MISCELLANEOUS DETAILS. September 1936
IL-28-40	DAM, ROLLER GATE OPERATING MACHINERY, GENERAL ARRANGEMENT. September 1936
IL-28-41	LOCK, WATER GAUGE HOUSING. August 1934
IL-28-42	DAM, SERVICE BRIDGE, TRUCK. September 1936
IL-28-43	DAM, ROLLER GATE, END DRUM ASSEMBLY. September 1936
IL-28-44	LOCK, ELECTRICAL SYSTEM, HAULAGE ENGINES, ELECTRICAL DETAILS AND LOCATION. February 1938
IL-28-45	LOCK GATES, WALKWAY, MITER GATES - GENERAL DRAWING. February 1934
IL-28-46	DAM, SERVICE BRIDGE, PIER CONNECTIONS AND HANDRAILS. September 1936
IL-28-47	CENTRAL CONTROL STATION, WALL DETAILS AND SECTIONS. September 1936
IL-28-48	LOCK, LOCATION OF LOCK ARMOR AND PROTECTION ANGLE. February 1934
IL-28-49	CENTRAL CONTROL STATION, MISCELLANEOUS STEEL DETAILS. September 1936
IL-28-50	CENTRAL CONTROL STATION, STEEL FRAMING. September 1936

Upper Mississippi River Nine-Foot Channel
Project, Lock and Dam Number 17
HAER No. IL-28
Index to Photographs
(Page 4)

IL-28-51	LOCK, DETAILS OF MISCELLANEOUS METAL PARTS. February 1934
IL-28-52	DAM, TAINTER GATE, GENERAL PLAN AND ELEVATION. September 1936
IL-28-53	CENTRAL CONTROL STATION, EXTERIOR ELEVATIONS. September 1936
IL-28-54	LOCK, ELECTRICAL SYSTEM, CONTROL SWITCH CABINET, PANEL ARRANGEMENT AND DETAILS. February 1938
IL-28-55	LOCK, MASONRY - UPPER AND LOWER GUIDE WALLS. February 1934
IL-28-56	LOCK, TYPICAL FILL SECTIONS. June 1934
IL-28-57	LOCK, TAINTER VALVES, GENERAL DRAWING. April 1934
IL-28-58	DAM, TAINTER GATE OPERATING MACHINERY, GENERAL ARRANGEMENT. September 1936
IL-28-59	DAM, EMERGENCY BULKHEADS, TAINTER GATE SPAN - UPSTREAM UNITS. September 1936
IL-28-60	ESPLANADE, LANDSCAPING. August 1939
IL-28-61	LOCK, GATE OPERATING MACHINERY, ASSEMBLY. February 1934
IL-28-62	LOCK, MASONRY - UPPER GATES, MAIN LOCK. February 1934
IL-28-63	LOCATION OF GATE ANCHORAGES AND QUOIN SHOE, 3 FT. SIDEWALK HEIGHT. February 1934
IL-28-64	DAM, 100-BY-20 ROLLER GATE, GENERAL ARRANGEMENT
IL-28-65	CENTRAL CONTROL STATION, SECTIONS. September 1936
IL-28-66	DAM, EMERGENCY BULKHEADS, ROLLER GATE SPAN, ROLLER HOUSING. September 1936
IL-28-67	LOCK, TILE GAUGES. February 1934
IL-28-68	UPPER APPROACH DIKE, SITE MAP, VICINITY MAP AND INDEX. December 1946
IL-28-69	LOCK, ELECTRICAL SYSTEM, SWITCHBOARD, FRONT ELEVATION. February 1938

Upper Mississippi River Nine-Foot Channel
Project, Lock and Dam Number 17
HAER No. IL-28
Index to Photographs
(Page 5)

IL-28-70	DAM, GENERAL PLAN. September 1936
IL-28-71	DAM, OPERATING HOUSE, MASONRY DETAILS. September 1936
IL-28-72	LOCK, ELECTRICAL SYSTEM, CONTROL SWITCH CABINET, ASSEMBLY AND DETAILS. February 1936
IL-28-73	DAM, SERVICE BRIDGE, GIRDERS - ROLLER GATE SPAN, BOTTOM BRACING AND SECTIONS. September 1936
IL-28-74	30 FT. LOCK GATES, 3 FT. WALKWAY, MITER GATES, GENERAL DRAWING. February 1934
IL-28-75	CENTRAL CONTROL STATION, GENERAL ARRANGEMENT OF EQUIPMENT. February 1938
IL-28-76	LOCK, ELECTRICAL SYSTEM, LOCK, DAM AND NAVIGATION LIGHTING UNITS. February 1938
IL-28-77	DAM, EMERGENCY BULKHEADS, ROLLER GATE SPAN, GIRDERS. September 1936
IL-28-78	LOCK, PIT FOR GASOLINE TANKS. February 1934

For additional information, see HAER No. IA-23, Lock and Dam Complex Number 11, General History.